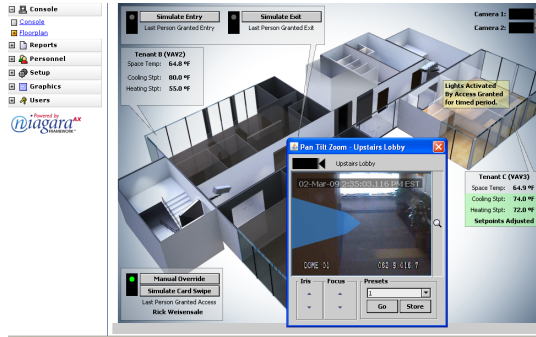


# Niagara Video



## Overview

Niagara Video by Tridium is an open video framework solution designed to integrate diverse manufacturer devices and protocols into a unified, smart facility wide video management. Built on Tridium's Niagara<sup>AX</sup> Framework<sup>®</sup>, Niagara Video integrates with IP and analog based systems to create complete interoperability between video, security, lighting, energy management, and building automation for any facility.

The Niagara Video solution is a comprehensive video model that works with digital video recorders, IP cameras and network video recorders. The video model supports a bi-directional alarming interface allowing event driven communication between video and Niagara based applications. The integrated alarm monitoring and video recall console allows system administrators to immediately review and assess video associated with alarm conditions. A single, Niagara integrated application provides in-depth review of the entire facility through a browser based user experience.

## Features

- Bi-directional alarming interface between Niagara<sup>AX</sup> stations and video products
- Niagara<sup>AX</sup> alarm extensions can initiate events in video subsystem
  - Automatically redirect camera and start video recording
  - Create video system alarm record and associate recorded video
- Video system events such as video motion detection and camera loss alarms can be processed as standard Niagara alarms
  - Video alarms available in Niagara alarm console with available hyperlink to event video
- Initiate control logic sequences such as lighting control, building lockdown, etc.
- Ability to view live video through Niagara<sup>AX</sup> graphical user experience
- Supports pan, tilt, zoom, iris, and focus camera control
- Query video subsystem for stored video and playback by time and date
- Integrated video playback with Niagara alarm console
- Customizable user experience through extensive video widget library (PX pages)
- Optional video routing through Niagara driver

## Platforms Supported

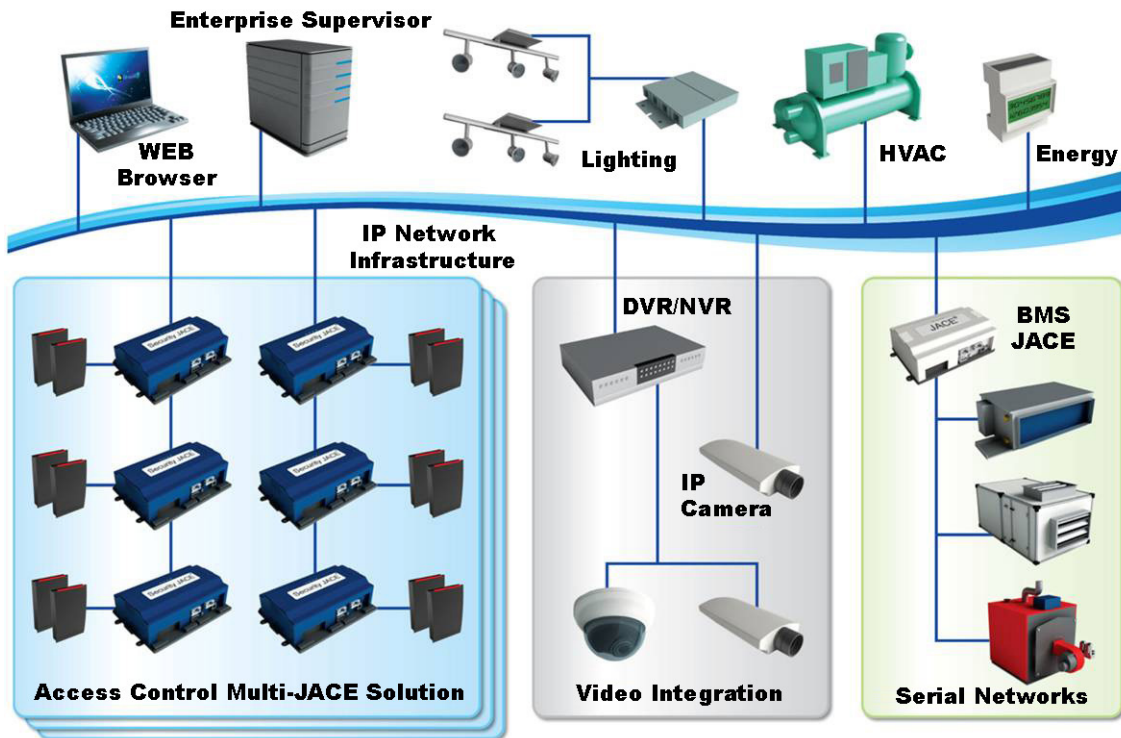
- Driver requires Niagara<sup>AX</sup> 3.5 and higher
- Video drivers available on Security and BAS platforms

Model	Part #	Restrictions
AX Supervisor	S-AX	No Set Limit
SoftJACE	SJ-1M-AX	No Set Limit
Security JACE 6	SEC-J-601	Maximum of 16 cameras
JACE 6	J-600	Maximum of 16 cameras, requires NPM-256 memory option

## Ordering Information

Part #	Description
<b>Dedicated Micros Drivers &amp; Licenses</b>	
DR-S-DED-AX	Required base AX Supervisor license for Dedicated Micros driver. Includes support for up to 16 cameras.
DR-S-DED-4	Additional 4 cameras license for AX Supervisor Dedicated Micros driver. (DR-S-DED-AX above is prerequisite)
DR-DED-AX-4	Required base license for supported JACE platforms. Includes support for 4 cameras. Maximum of 16 cameras allowed on supported JACE platforms.
<b>AXIS Communications Drivers &amp; Licenses</b>	
DR-S-AXS-AX	Required base AX Supervisor license for AXIS Communications driver. Includes support for up to 16 cameras.
DR-S-AXS-4	Additional 4 camera license for AX Supervisor AXIS Communications driver. (DR-S-AXS-AX above is prerequisite)
DR-AXS-AX-4	Required base license for supported JACE platforms. Includes support for 4 cameras. Maximum of 16 cameras allowed on supported JACE platforms.
<b>Milestone Systems Drivers &amp; Licenses</b>	
DR-S-MLS-AX	Required base AX Supervisor license for Milestone driver. Includes support for up to 16 cameras.
DR-S-MLS-4	Additional 4 cameras license for AX Supervisor Milestone driver. (DR-S-MLS-AX above is prerequisite)
DR-MLS-AX-4	Required base license for supported JACE platforms. Includes support for 4 cameras. Maximum of 16 cameras allowed on supported JACE platforms.
<b>Honeywell Rapid Eye Drivers &amp; Licenses</b>	
DR-S-RPD-AX	Required base AX Supervisor license for Rapid Eye driver. Includes support for up to 16 cameras.
DR-S-RPD-4	Additional 4 cameras license for AX Supervisor Rapid Eye driver. (DR-S-RPD-AX above is prerequisite)
DR-RPD-AX-4	Required base license for supported JACE platforms. Includes support for 4 cameras. Maximum of 16 cameras allowed on supported JACE platforms.

## Niagara<sup>AX</sup> Integrated Video Architecture



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